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ABSTRACT OF THE DISCLOSURE

In a nuclear magnetic resonance spectrometer, the shape of a detection coil is changed from a conventional cage type to a solenoid type of higher sensitivity. Accordingly, differing from the conventional superconductive magnet of multilayer air core solenoids, a superconductive magnet is right and left divided to split magnets for generating 11 T, preferably, 14.1 T in the horizontal direction, and the magnetic field uniformity is set to 0.001 ppm or less and the temporal stability is set to 0.001 ppm or less.